



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/716,990

11/18/2003

Yoshiaki Komma

10873.1356US01

7580

7590 03/20/2007
Hamre, Schumann, Mueller & Larson, P.C.
PO Box 2902-0902
Minneapolis, MN 55402

EXAMINER

LAVARIAS, ARNEL C

ART UNIT	PAPER NUMBER
----------	--------------

2872

MAIL DATE	DELIVERY MODE
-----------	---------------

03/20/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

**UNITED STATES DEPARTMENT OF COMMERCE****U.S. Patent and Trademark Office**

Address: COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
---------------------------------	-------------	---	---------------------

10/716990

11/18/2003

Kamma

10873.1356US01

EXAMINER

Lavarlas

ART UNIT	PAPER
----------	-------

2872

20070315

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

See attached.

Art Unit: 2872

DETAILED ACTION

Drawings

1. The replacement drawings were received on 2/6/07. These drawings are acceptable.

Conclusion

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Arnel C. Lavarias whose telephone number is 571-272-2315. The examiner can normally be reached on M-F 9:30 AM - 6 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephone B. Allen can be reached on 571-272-2434. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Arnel C. Lavarias
Primary Examiner
Group Art Unit 2872
3/15/07


ARNEL LAVARIAS
PRIMARY PATENT EXAMINER



S/N 10/716,990

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: KOMMA et al. Examiner: LAVARIAS
Serial No.: 10/716,990 Group Art Unit: 2872
Filed: November 18, 2003 Docket No.: 10873.1356US01
Title: OPTICAL ELEMENT, OPTICAL LENS, OPTICAL HEAD APPARATUS,
OPTICAL INFORMATION APPARATUS, COMPUTER, OPTICAL
INFORMATION MEDIUM PLAYER, CAR NAVIGATION SYSTEM,
OPTICAL INFORMATION MEDIUM RECORDER, AND OPTICAL
INFORMATION MEDIUM SERVER

CERTIFICATE UNDER 37 CFR 1.10

Express Mail mailing label number: EV 648465852 US

Date of Deposit: February 6, 2007

I hereby certify that the papers listed below are being deposited with the United States Postal Service Express Mail Post Office to Address service under 37 CFR 1.10 in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: 

Name: Peggy Kerkhove

SUBMISSION OF FORMAL DRAWINGS

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

Submitted herewith are 12 sheet(s) of Formal Drawings for completion of this application, and in compliance with the requirements of the Notice of Allowance from the Examiner dated January 22, 2007.

53148

PATENT TRADEMARK OFFICE

Dated: February 6, 2007

Respectfully submitted,

HAMRE, SCHUMANN, MUELLER &
LARSON, P.C.
P.O. Box 2902
Minneapolis, MN 55402-0902
(612) 455-3800

By: 

Douglas P. Mueller
Reg. No. 30,300
DPM/acp

*Drawing Changes
Approved For
Entry*

*HC
3/15/07*